

Comparisons of Job Characteristics

Focus Occupation: Control and Valve Installers and Repairers, Except Mechanical Door (49-9012)

Associated Occupation: Roustabouts, Oil and Gas (47-5071)

Compare Knowledge

Compare Skills

Compare Abilities

Compare Detailed Work Activities

Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 84

Focus Occupation: Control and Valve Installers and Repairers, Except Mechanical Door (49-9012)

Associated Occupation: Roustabouts, Oil and Gas (47-5071)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Mechanical	6.8	14.3	13.0	< Expanded education and/or training may be required
Public Safety and Security	6.9	12.2	11.1	0 Current knowledge level may be sufficient
Production and Processing	6.0	10.3	6.8	<< Extensive education and/or training may be required
Physics	4.3	9.7	7.0	<< Extensive education and/or training may be required
Chemistry	4.8	9.2	6.8	<< Extensive education and/or training may be required
Transportation	4.6	8.4	8.0	0 Current knowledge level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 88

Focus Occupation: Control and Valve Installers and Repairers, Except Mechanical Door (49-9012)

Associated Occupation: Roustabouts, Oil and Gas (47-5071)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation Monitoring	6.6	10.4	9.6	0 Current skill level may be sufficient
Repairing	3.4	9.6	8.1	< A higher skill level may be required
Operation and Control	5.4	9.5	8.3	< A higher skill level may be required
Quality Control Analysis	5.9	8.7	8.3	0 Current skill level may be sufficient
Equipment Maintenance	3.5	8.0	8.4	0 Current skill level may be sufficient
Troubleshooting	4.5	7.7	7.9	0 Current skill level may be sufficient

Equipment Selection	3.3	7.0	6.2	<	A higher skill level may be required
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The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 79			
Focus Occupation: Control and Valve Installers and Repairers, Except Mechanical Door (49-9012) Associated Occupation: Roustabouts, Oil and Gas (47-5071)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Control Precision	6.6	12.9	8.8	<<	Extensive improvement in abilities may be required
Multilimb Coordination	6.0	11.6	9.4	<	Some improvement in abilities may be required
Static Strength	5.0	10.7	5.3	<<	Extensive improvement in abilities may be required
Depth Perception	5.3	10.6	7.3	<<	Extensive improvement in abilities may be required
Gross Body Equilibrium	3.2	7.5	6.8	<	Some improvement in abilities may be required
Glare Sensitivity	2.6	6.0	6.1	0	Current ability level may be sufficient
Peripheral Vision	2.2	6.0	3.4	<<	Extensive improvement in abilities may be required
Sound Localization	2.2	5.5	3.2	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 55	
Focus Occupation: Control and Valve Installers and Repairers, Except Mechanical Door (49-9012) Associated Occupation: Roustabouts, Oil and Gas (47-5071)			
Work Activities		Exclusivity of Activity	
Fabricate, assemble, or disassemble manufactured products by hand		11	
Move or fit heavy objects		8	
Use hand or power tools		2	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common	Similarity of Focus Occupation to Associated Occupation: 71
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Tools and Technologies	Exclusivity
Business function specific software	1
Computer data input devices	2
Computers	1
Content authoring and editing software	1
Dispensing tools	6
Forming tools	2
Holding and clamping tools	3
Ladders and scaffolding	6
Lifting equipment and accessories	3
Liquid and gas flow measuring and observing instruments	15
Pneumatic tools	8
Power tools	2
Pumps	9
Safety apparel	4
Wrenches and drivers	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.